MAY 16 1908

LIBRARY OF CONGRESS
0 022 216 341 9

HYDRAULICS.

Bazin's Experiments upon the Contraction of the Liquid Vein Issuing from an Orifice. (Trautwine.) 8vo, 2 00
Bovey's Treatise on Hydraulics 8vo, 5 00
Church's Mechanics of Engineering 8vo, 6 00
Diagrams of Mean Velocity of Water in Open Channels ..... paper, 1 50
Coffin's Graphical Solution of Hydraulic Problems ..... 16mo, morocco, 2 50
Flather's Dynamometers, and the Measurement of Power 12mo, 3 00
Folwell's Water-supply Engineering 8vo, 4 00
Frizell's Water-power 8vo, 5 00
Fuertes's Water and Public Health 12mo, 1 50
Water-filtration Works 12mo, 2 50
Ganguillet and Kutter's General Formula for the Uniform Flow of Water in Rivers and Other Channels. (Hering and Trautwine.) 8vo, 4 00
Hazen's Filtration of Public Water-supply 8vo, 3 00
Hazlehurst's Towers and Tanks for Water-works 8vo, 2 50
Herschel's 115 Experiments on the Carrying Capacity of Large, Riveted, Metal Conduits 8vo, 2 00
Mason's Water-supply. (Considered Principally from a Sanitary Standpoint.) 8vo, 4 00
Merriman's Treatise on Hydraulics 8vo, 5 00
* Michie's Elements of Analytical Mechanics 8vo, 4 00
Schuyler's Reservoirs for Irrigation, Water-power, and Domestic Water-supply ..... Large 8vo, 5 00
** Thomas and Watt's Improvement of Rivers. (Post., 44c. additional.) 4to, 6 00
Turneaure and Russell's Public Water-supplies 8vo, 5 00
Wegmann's Design and Construction of Dams 4to, 5 00
Water-supply of the City of New York from 1658 to 1895 ..... 4to, 10 00
Williams and Hazen's Hydraulic Tables 8vo, 1 50
Wilson's Irrigation Engineering ..... Small 8vo, 4 00
Wolff's Windmill as a Prime Mover 8vo, 3 00
Wood's Turbines 8vo, 2 50
Elements of Analytical Mechanics 8vo, 3 00

MATERIALS OF ENGINEERING.

Baker's Treatise on Masonry Construction 8vo, 5 00
Roads and Pavements 8vo, 5 00
Black's United States Public Works ..... Oblong 4to, 5 00
Bovey's Strength of Materials and Theory of Structures 8vo, 7 50
Burr's Elasticity and Resistance of the Materials of Engineering 8vo, 7 50
Byrne's Highway Construction 8vo, 5 00
Inspection of the Materials and Workmanship Employed in Construction. 16mo, 3 00
Church's Mechanics of Engineering 8vo, 6 00
Du Bois's Mechanics of Engineering. Vol. I ..... Small 4to, 7 50
*Eckel's Cements, Limes, and Plasters 8vo, 6 00
Johnson's Materials of Construction ..... Large 8vo, 6 00
Fowler's Ordinary Foundations 8vo, 3 50
Keep's Cast Iron 8vo, 2 50
Lanza's Applied Mechanics 8vo, 7 50
Marten's Handbook on Testing Materials. (Henning.) 2 vols 8vo, 7 50
Merrill's Stones for Building and Decoration 8vo, 5 00
Merriman's Mechanics of Materials 8vo, 5 00
Strength of Materials 12mo, 1 00
Metcalf's Steel. A Manual for Steel-users 12mo, 2 00
Patton's Practical Treatise on Foundations 8vo, 5 00
Richardson's Modern Asphalt Pavements 8vo, 3 00
Richey's Handbook for Superintendents of Construction ..... 16mo, mor., 4 00
Rockwell's Roads and Pavements in France 12mo, 1 25

Sabin's Industrial and Artistic Technology of Paints and Varnish.....8vo, 3 00
Smith's Materials of Machines.....12mo, 1 00
Snow's Principal Species of Wood.....8vo, 3 50
Spalding's Hydraulic Cement.....12mo, 2 00
Text-book on Roads and Pavements.....12mo, 2 00
Taylor and Thompson's Treatise on Concrete, Plain and Reinforced.....8vo, 5 00
Thurston's Materials of Engineering. 3 Parts.....8vo, 8 00
Part I. Non-metallic Materials of Engineering and Metallurgy.....8vo, 2 00
Part II. Iron and Steel.....8vo, 3 50
Part III. A Treatise on Brasses, Bronzes, and Other Alloys and their Constituents.....8vo, 2 50
Thurston's Text-book of the Materials of Construction.....8vo, 5 00
Tillson's Street Pavements and Paving Materials.....8vo, 4 00
Waddell's De Pontibus. (A Pocket-book for Bridge Engineers.)..16mo, mor., 3 00
Specifications for Steel Bridges.....12mo, 1 25
Wood's (De V.) Treatise on the Resistance of Materials, and an Appendix on the Preservation of Timber.....8vo, 2 00
Wood's (De V.) Elements of Analytical Mechanics.....8vo, 3 00
Wood's (M. P.) Rustless Coatings: Corrosion and Electrolysis of Iron and Steel.....8vo, 4 00

RAILWAY ENGINEERING.

Andrew's Handbook for Street Railway Engineers.....3x5 inches, morocco, 1 25
Berg's Buildings and Structures of American Railroads.....4to, 5 00
Brook's Handbook of Street Railroad Location.....16mo, morocco, 1 50
Butt's Civil Engineer's Field-book.....16mo, morocco, 2 50
Crandall's Transition Curve.....16mo, morocco, 1 50
Railway and Other Earthwork Tables.....8vo, 1 50
Dawson's "Engineering" and Electric Traction Pocket-book..16mo, morocco, 5 00
Dredge's History of the Pennsylvania Railroad: (1879).....Paper, 5 00
* Drinker's Tunnelling, Explosive Compounds, and Rock Drills.4to, half mor., 25 00
Fisher's Table of Cubic Yards.....Cardboard, 25
Godwin's Railroad Engineers' Field-book and Explorers' Guide...16mo, mor., 2 50
Howard's Transition Curve Field-book.....16mo, morocco, 1 50
Hudson's Tables for Calculating the Cubic Contents of Excavations and Embankments.....8vo, 1 00
Molitor and Beard's Manual for Resident Engineers.....16mo, 1 00
Nagle's Field Manual for Railroad Engineers.....16mo, morocco, 3 00
Philbrick's Field Manual for Engineers.....16mo, morocco, 3 00
Searles's Field Engineering.....16mo, morocco, 3 00
Railroad Spiral.....16mo, morocco, 1 50
Taylor's Prismoidal Formulæ and Earthwork.....8vo, 1 50
* Trautwine's Method of Calculating the Cube Contents of Excavations and Embankments by the Aid of Diagrams.....8vo, 2 00
The Field Practice of Laying Out Circular Curves for Railroads.
12mo, morocco, 2 50
Cross-section Sheet.....Paper, 25
Webb's Railroad Construction.....16mo, morocco, 5 00
Wellington's Economic Theory of the Location of Railways.....Small 8vo, 5 00

DRAWING.

Barr's Kinematics of Machinery.....8vo, 2 50
* Bartlett's Mechanical Drawing.....8vo, 3 00
* " " " Abridged Ed.....8vo, 1 50
Coolidge's Manual of Drawing.....8vo, paper 1 00
Coolidge and Freeman's Elements of General Drafting for Mechanical Engineers.....Oblong 4to, 2 50
Durley's Kinematics of Machines.....8vo, 4 00
Emch's Introduction to Projective Geometry and its Applications.....8vo. 2 50

Hill's Text-book on Shades and Shadows, and Perspective. 8vo, 2 00
Jamison's Elements of Mechanical Drawing. 8vo, 2 50
Advanced Mechanical Drawing. 8vo, 2 00
Jones's Machine Design:
Part I. Kinematics of Machinery. 8vo, 1 50
Part II. Form, Strength, and Proportions of Parts. 8vo, 3 00
MacCord's Elements of Descriptive Geometry. 8vo, 3 00
Kinematics; or, Practical Mechanism. 8vo, 5 00
Mechanical Drawing. 4to, 4 00
Velocity Diagrams. 8vo, 1 50
* Mahan's Descriptive Geometry and Stone-cutting. 8vo, 1 50
Industrial Drawing. (Thompson.). 8vo, 3 50
Moyer's Descriptive Geometry. 8vo, 2 00
Reed's Topographical Drawing and Sketching. 4to, 5 00
Reid's Course in Mechanical Drawing. 8vo, 2 00
Text-book of Mechanical Drawing and Elementary Machine Design. 8vo, 3 00
Robinson's Principles of Mechanism. 8vo, 3 00
Schwamb and Merrill's Elements of Mechanism. 8vo, 3 00
Smith's Manual of Topographical Drawing. (McMillan.). 8vo, 2 50
Warren's Elements of Plane and Solid Free-hand Geometrical Drawing. 12mo, 1 00
Drafting Instruments and Operations. 12mo, 1 25
Manual of Elementary Projection Drawing. 12mo, 1 50
Manual of Elementary Problems in the Linear Perspective of Form and Shadow. 12mo, 1 00
Plane Problems in Elementary Geometry 12mo, 1 25
Primary Geometry. 12mo, 75
Elements of Descriptive Geometry, Shadows, and Perspective. 8vo, 3 50
General Problems of Shades and Shadows. 8vo, 3 00
Elements of Machine Construction and Drawing. 8vo, 7 50
Problems, Theorems, and Examples in Descriptive Geometry. 8vo, 2 50
Weisbach's Kinematics and Power of Transmission. (Hermann and Klein) 8vo, 5 00
Whelpley's Practical Instruction in the Art of Letter Engraving. 12mo, 2 00
Wilson's (H. M.) Topographic Surveying. 8vo, 3 50
Wilson's (V. T.) Free-hand Perspective. 8vo, 2 50
Wilson's (V. T.) Free-hand Lettering. 8vo, 1 00
Woolf's Elementary Course in Descriptive Geometry. . . . . Large 8vo, 3 00

ELECTRICITY AND PHYSICS.

Anthony and Brackett's Text-book of Physics. (Magie.). . . . . Small 8vo, 3 00
Anthony's Lecture-notes on the Theory of Electrical Measurements. . . . 12mo, 1 00
Benjamin's History of Electricity. 8vo, 3 00
Voltaic Cell. 8vo, 3 00
Classen's Quantitative Chemical Analysis by Electrolysis. (Boltwood.). 8vo, 3 00
Crehore and Squier's Polarizing Photo-chronograph. 8vo, 3 00
Dawson's "Engineering" and Electric Traction Pocket-book. 16mo, morocco, 5 00
Dolezalek's Theory of the Lead Accumulator (Storage Battery). (Von Ende.). 12mo, 2 50
Duhem's Thermodynamics and Chemistry. (Burgess.). 8vo, 4 00
Flather's Dynamometers, and the Measurement of Power. 12mo, 3 00
Gilbert's De Magnete. (Mottelay.). 8vo, 2 50
Hanchett's Alternating Currents Explained. 12mo, 1 00
Hering's Ready Reference Tables (Conversion Factors). . . . . 16mo, morocco, 2 50
Holman's Precision of Measurements. 8vo, 2 00
Telescopic Mirror-scale Method, Adjustments, and Tests. . . . Large 8vo, 75
Kinzbrunner's Testing of Continuous-Current Machines. 8vo, 2 00
Landauer's Spectrum Analysis. (Tingle.). 8vo, 3 00
Le Chatelier's High-temperature Measurements. (Boudouard—Burgess.) 12mo, 3 00
Löb's Electrolysis and Electrosynthesis of Organic Compounds. (Lorenz.) 12mo, 1 00

* Lyons's Treatise on Electromagnetic Phenomena. Vols. I. and II. 8vo, each, 6 00
* Michie's Elements of Wave Motion Relating to Sound and Light. 8vo, 4 00
Niaudet's Elementary Treatise on Electric Batteries. (Fishback.). 12mo, 2 50
* Rosenberg's Electrical Engineering. (Haldane Gee—Kinzbrunner.). 8vo, 1 50
Ryan, Norris, and Hoxie's Electrical Machinery. Vol. I. 8vo, 2 50
Thurston's Stationary Steam-engines. 8vo, 2 50
* Tillman's Elementary Lessons in Heat. 8vo, 1 50
Tory and Pitcher's Manual of Laboratory Physics. Small 8vo, 2 00
Ulke's Modern Electrolytic Copper Refining. 8vo, 3 00

LAW.

* Davis's Elements of Law. 8vo, 2 50
* Treatise on the Military Law of United States. 8vo, 7 00
* Sheep, 7 50
Manual for Courts-martial. 16mo, morocco, 1 50
Wait's Engineering and Architectural Jurisprudence. 8vo, 6 00
Sheep, 6 50
Law of Operations Preliminary to Construction in Engineering and Architecture. 8vo, 5 00
Sheep, 5 50
Law of Contracts. 8vo, 3 00
Winthrop's Abridgment of Military Law. 12mo, 2 50

MANUFACTURES.

Bernadou's Smokeless Powder—Nitro-cellulose and Theory of the Cellulose Molecule. 12mo, 2 50
Bolland's Iron Founder. 12mo, 2 50
"The Iron Founder," Supplement. 12mo, 2 50
Encyclopedia of Founding and Dictionary of Foundry Terms Used in the Practice of Moulding. 12mo, 3 00
Eissler's Modern High Explosives. 8vo, 4 00
Effront's Enzymes and their Applications. (Prescott.). 8vo, 3 00
Fitzgerald's Boston Machinist. 12mo, 1 00
Ford's Boiler Making for Boiler Makers. 18mo, 1 00
Hopkin's Oil-chemists' Handbook. 8vo, 3 00
Keep's Cast Iron. 8vo, 2 50
Leach's The Inspection and Analysis of Food with Special Reference to State Control. Large 8vo, 7 50
Matthews's The Textile Fibres. 8vo, 3 50
Metcalf's Steel. A Manual for Steel-users. 12mo, 2 00
Metcalfe's Cost of Manufactures—And the Administration of Workshops 8vo, 5 00
Meyer's Modern Locomotive Construction. 4to, 10 00
Morse's Calculations used in Cane-sugar Factories. 16mo, morocco, 1 50
* Reisig's Guide to Piece-dyeing. 8vo, 25 00
Sabin's Industrial and Artistic Technology of Paints and Varnish. 8vo, 3 00
Smith's Press-working of Metals. 8vo, 3 00
Spalding's Hydraulic Cement. 12mo, 2 00
Spencer's Handbook for Chemists of Beet-sugar Houses. 16mo, morocco, 3 00
Handbook for Sugar Manufacturers and their Chemists. 16mo, morocco, 2 00
Taylor and Thompson's Treatise on Concrete, Plain and Reinforced. 8vo, 5 00
Thurston's Manual of Steam-boilers, their Designs, Construction and Operation. 8vo, 5 00
* Walke's Lectures on Explosives. 8vo, 4 00
Ware's Manufacture of Sugar. (In press.)
West's American Foundry Practice. 12mo, 2 50
Moulder's Text-book. 12mo, 2 50

Wolff's Windmill as a Prime Mover 8vo, 3 00
Wood's Rustless Coatings: Corrosion and Electrolysis of Iron and Steel.. 8vo, 4 00

MATHEMATICS.

Baker's Elliptic Functions..... 8vo, 1 50
* Bass's Elements of Differential Calculus..... 12mo, 4 00
Briggs's Elements of Plane Analytic Geometry..... 12mo, 1 00
Compton's Manual of Logarithmic Computations..... 12mo, 1 50
Davis's Introduction to the Logic of Algebra..... 8vo, 1 50
* Dickson's College Algebra..... Large 12mo, 1 50
* Introduction to the Theory of Algebraic Equations..... Large 12mo, 1 25
Emch's Introduction to Projective Geometry and its Applications..... 8vo, 2 50
Halsted's Elements of Geometry..... 8vo, 1 75
Elementary Synthetic Geometry..... 8vo, 1 50
Rational Geometry..... 12mo, 1 75
* Johnson's (J. B.) Three-place Logarithmic Tables: Vest-pocket size. paper, 15
100 copies for 5 00
* Mounted on heavy cardboard, 8 × 10 inches, 25
10 copies for 2 00
Johnson's (W. W.) Elementary Treatise on Differential Calculus.. Small 8vo, 3 00
Johnson's (W. W.) Elementary Treatise on the Integral Calculus. Small 8vo, 1 50
Johnson's (W. W.) Curve Tracing in Cartesian Co-ordinates..... 12mo, 1 00
Johnson's (W. W.) Treatise on Ordinary and Partial Differential Equations. Small 8vo, 3 50
Johnson's (W. W.) Theory of Errors and the Method of Least Squares. 12mo, 1 50
* Johnson's (W. W.) Theoretical Mechanics..... 12mo, 3 00
Laplace's Philosophical Essay on Probabilities. (Truscott and Emory.). 12mo, 2 00
* Ludlow and Bass. Elements of Trigonometry and Logarithmic and Other Tables..... 8vo, 3 00
Trigonometry and Tables published separately..... Each, 2 00
* Ludlow's Logarithmic and Trigonometric Tables..... 8vo, 1 00
Maurer's Technical Mechanics..... 8vo, 4 00
Merriman and Woodward's Higher Mathematics..... 8vo, 5 00
Merriman's Method of Least Squares..... 8vo, 2 00
Rice and Johnson's Elementary Treatise on the Differential Calculus.. Sm. 8vo, 3 00
Differential and Integral Calculus. 2 vols. in one..... Small 8vo, 2 50
Wood's Elements of Co-ordinate Geometry..... 8vo, 2 00
Trigonometry: Analytical, Plane, and Spherical..... 12mo, 1 00

MECHANICAL ENGINEERING.

MATERIALS OF ENGINEERING, STEAM-ENGINES AND BOILERS.

Bacon's Forge Practice..... 12mo, 1 50
Baldwin's Steam Heating for Buildings..... 12mo, 2 50
Barr's Kinematics of Machinery..... 8vo, 2 50
* Bartlett's Mechanical Drawing..... 8vo, 3 00
* " " " Abridged Ed..... 8vo, 1 50
Benjamin's Wrinkles and Recipes..... 12mo, 2 00
Carpenter's Experimental Engineering..... 8vo, 6 00
Heating and Ventilating Buildings..... 8vo, 4 00
Cary's Smoke Suppression in Plants using Bituminous Coal. (In Preparation.)
Clerk's Gas and Oil Engine..... Small 8vo, 4 00
Coolidge's Manual of Drawing..... 8vo, paper, 1 00
Coolidge and Freeman's Elements of General Drafting for Mechanical Engineers..... Oblong 4to, 2 50

Cromwell's Treatise on Toothed Gearing....12mo, 1 50
Treatise on Belts and Pulleys....12mo, 1 50
Durley's Kinematics of Machines....8vo, 4 00
Flather's Dynamometers and the Measurement of Power....12mo, 3 00
Rope Driving....12mo, 2 00
Gill's Gas and Fuel Analysis for Engineers....12mo, 1 25
Hall's Car Lubrication....12mo, 1 00
Hering's Ready Reference Tables (Conversion Factors).....16mo, morocco, 2 50
Hutton's The Gas Engine....8vo, 5 00
Jamison's Mechanical Drawing....8vo, 2 50
Jones's Machine Design:
Part I. Kinematics of Machinery....8vo, 1 50
Part II. Form, Strength, and Proportions of Parts....8vo, 3 00
Kent's Mechanical Engineers' Pocket-book....16mo, morocco, 5 00
Kerr's Power and Power Transmission....8vo, 2 00
Leonard's Machine Shop, Tools, and Methods....8vo, 4 00
*Lorenz's Modern Refrigerating Machinery. (Pope, Haven, and Dean.)..8vo, 4 00
MacCord's Kinematics; or, Practical Mechanism....8vo, 5 00
Mechanical Drawing....4to, 4 00
Velocity Diagrams....8vo, 1 50
Mahan's Industrial Drawing. (Thompson.)....8vo, 3 50
Poole's Calorific Power of Fuels....8vo, 3 00
Reid's Course in Mechanical Drawing....8vo, 2 00
Text-book of Mechanical Drawing and Elementary Machine Design.8vo, 3 00
Richard's Compressed Air....12mo, 1 50
Robinson's Principles of Mechanism....8vo, 3 00
Schwamb and Merrill's Elements of Mechanism....8vo, 3 00
Smith's Press-working of Metals....8vo, 3 00
Thurston's Treatise on Friction and Lost Work in Machinery and Mill Work....8vo, 3 00
Animal as a Machine and Prime Motor, and the Laws of Energetics.12mo, 1 00
Warren's Elements of Machine Construction and Drawing....8vo, 7 50
Weisbach's Kinematics and the Power of Transmission. (Herrmann—Klein.)....8vo, 5 00
Machinery of Transmission and Governors. (Herrmann—Klein.)..8vo, 5 00
Wolff's Windmill as a Prime Mover....8vo, 3 00
Wood's Turbines....8vo, 2 50

MATERIALS OF ENGINEERING.

Bovey's Strength of Materials and Theory of Structures....8vo, 7 50
Burr's Elasticity and Resistance of the Materials of Engineering. 6th Edition. Reset....8vo, 7 50
Church's Mechanics of Engineering....8vo, 6 00
Johnson's Materials of Construction....8vo, 6 00
Keep's Cast Iron....8vo, 2 50
Lanza's Applied Mechanics....8vo, 7 50
Martens's Handbook on Testing Materials. (Henning.)....8vo, 7 50
Merriman's Mechanics of Materials....8vo, 5 00
Strength of Materials....12mo, 1 00
Metcalf's Steel. A manual for Steel-users....12mo, 2 00
Sabin's Industrial and Artistic Technology of Paints and Varnish....8vo, 3 00
Smith's Materials of Machines....12mo, 1 00
Thurston's Materials of Engineering....3 vols., 8vo, 8 00
Part II. Iron and Steel....8vo, 3 50
Part III. A Treatise on Brasses, Bronzes, and Other Alloys and their Constituents....8vo, 2 50
Text-book of the Materials of Construction....8vo, 5 00

Wood's (De V.) Treatise on the Resistance of Materials and an Appendix on the Preservation of Timber. 8vo, 2 00
Wood's (De V.) Elements of Analytical Mechanics. 8vo, 3 00
Wood's (M. P.) Rustless Coatings: Corrosion and Electrolysis of Iron and Steel. 8vo, 4 00

STEAM-ENGINES AND BOILERS.

Berry's Temperature-entropy Diagram. 12mo, 1 25
Carnot's Reflections on the Motive Power of Heat. (Thurston.) 12mo, 1 50
Dawson's "Engineering" and Electric Traction Pocket-book. ..... 16mo, mor., 5 00
Ford's Boiler Making for Boiler Makers. 18mo, 1 00
Goss's Locomotive Sparks. 8vo, 2 00
Hemenway's Indicator Practice and Steam-engine Economy. 12mo, 2 00
Hutton's Mechanical Engineering of Power Plants. 8vo, 5 00
Heat and Heat-engines. 8vo, 5 00
Kent's Steam boiler Economy. 8vo, 4 00
Kneass's Practice and Theory of the Injector. 8vo, 1 50
MacCord's Slide-valves. 8vo, 2 00
Meyer's Modern Locomotive Construction. 4to, 10 00
Peabody's Manual of the Steam-engine Indicator. 12mo, 1 50
Tables of the Properties of Saturated Steam and Other Vapors. 8vo, 1 00
Thermodynamics of the Steam-engine and Other Heat-engines. 8vo, 5 00
Valve-gears for Steam-engines. 8vo, 2 50
Peabody and Miller's Steam-boilers. 8vo, 4 00
Pray's Twenty Years with the Indicator. ..... Large 8vo, 2 50
Pupin's Thermodynamics of Reversible Cycles in Gases and Saturated Vapors. (Osterberg.) 12mo, 1 25
Reagan's Locomotives: Simple Compound, and Electric. 12mo, 2 50
Rontgen's Principles of Thermodynamics. (Du Bois.) 8vo, 5 00
Sinclair's Locomotive Engine Running and Management. 12mo, 2 00
Smart's Handbook of Engineering Laboratory Practice. 12mo, 2 50
Snow's Steam-boiler Practice. 8vo, 3 00
Spangler's Valve-gears. 8vo, 2 50
Notes on Thermodynamics. 12mo, 1 00
Spangler, Greene, and Marshall's Elements of Steam-engineering. 8vo, 3 00
Thurston's Handy Tables. 8vo, 1 50
Manual of the Steam-engine. ..... 2 vols., 8vo, 10 00
Part I. History, Structure, and Theory. 8vo, 6 00
Part II. Design, Construction, and Operation. 8vo, 6 00
Handbook of Engine and Boiler Trials, and the Use of the Indicator and the Prony Brake. 8vo, 5 00
Stationary Steam-engines. 8vo, 2 50
Steam-boiler Explosions in Theory and in Practice 12mo, 1 50
Manual of Steam-boilers, their Designs, Construction, and Operation. 8vo, 5 00
Weisbach's Heat, Steam, and Steam-engines. (Du Bois.) 8vo, 5 00
Whitham's Steam-engine Design. 8vo, 5 00
Wilson's Treatise on Steam-boilers. (Flather.) 16mo, 2 50
Wood's Thermodynamics, Heat Motors, and Refrigerating Machines. 8vo, 4 00

MECHANICS AND MACHINERY.

Barr's Kinematics of Machinery. 8vo, 2 50
Bovey's Strength of Materials and Theory of Structures 8vo, 7 50
Chase's The Art of Pattern-making. 12mo, 2 50
Church's Mechanics of Engineering. 8vo, 6 00

Church's Notes and Examples in Mechanics....8vo, 2 00
Compton's First Lessons in Metal-working....12mo, 1 50
Compton and De Groodt's The Speed Lathe....12mo, 1 50
Cromwell's Treatise on Toothed Gearing....12mo, 1 50
Treatise on Belts and Pulleys....12mo, 1 50
Dana's Text-book of Elementary Mechanics for Colleges and Schools..12mo, 1 50
Dingey's Machinery Pattern Making....12mo, 2 00
Dredge's Record of the Transportation Exhibits Building of the World's Columbian Exposition of 1893....4to half morocco, 5 00
Du Bois's Elementary Principles of Mechanics:
Vol. I. Kinematics....8vo, 3 50
Vol. II. Statics....8vo, 4 00
Vol. III. Kinetics....8vo, 3 50
Mechanics of Engineering. Vol. I....Small 4to, 7 50
Vol. II....Small 4to, 10 00
Durley's Kinematics of Machines....8vo, 4 00
Fitzgerald's Boston Machinist....16mo, 1 00
Flather's Dynamometers, and the Measurement of Power....12mo, 3 00
Rope Driving....12mo, 2 00
Goss's Locomotive Sparks....8vo, 2 00
Hall's Car Lubrication....12mo, 1 00
Holly's Art of Saw Filing....18mo, 75
James's Kinematics of a Point and the Rational Mechanics of a Particle. Sm.8vo, 2 00
* Johnson's (W. W.) Theoretical Mechanics....12mo, 3 00
Johnson's (L. J.) Statics by Graphic and Algebraic Methods....8vo, 2 00
Jones's Machine Design:
Part I. Kinematics of Machinery....8vo, 1 50
Part II. Form, Strength, and Proportions of Parts....8vo, 3 00
Kerr's Power and Power Transmission....8vo, 2 00
Lanza's Applied Mechanics....8vo, 7 50
Leonard's Machine Shop, Tools, and Methods....8vo, 4 00
*Lorenz's Modern Refrigerating Machinery. (Pope, Haven, and Dean.)..8vo, 4 00
MacCord's Kinematics; or, Practical Mechanism....8vo, 5 00
Velocity Diagrams....8vo, 1 50
Maurer's Technical Mechanics....8vo, 4 00
Merriman's Mechanics of Materials....8vo, 5 00
* Elements of Mechanics....12mo, 1 00
* Michie's Elements of Analytical Mechanics....8vo, 4 00
Reagan's Locomotives: Simple, Compound, and Electric....12mo, 2 50
Reid's Course in Mechanical Drawing....8vo, 2 00
Text-book of Mechanical Drawing and Elementary Machine Design..8vo, 3 00
Richards's Compressed Air....12mo, 1 50
Robinson's Principles of Mechanism....8vo, 3 00
Ryan, Norris, and Hoxie's Electrical Machinery. Vol. I....8vo, 2 50
Schwamb and Merrill's Elements of Mechanism....8vo, 3 00
Sinclair's Locomotive-engine Running and Management....12mo, 2 00
Smith's (O.) Press-working of Metals....8vo, 3 00
Smith's (A. W.) Materials of Machines....12mo, 1 00
Spangler, Greene, and Marshall's Elements of Steam-engineering....8vo, 3 00
Thurston's Treatise on Friction and Lost Work in Machinery and Mill Work....8vo, 3 00
Animal as a Machine and Prime Motor, and the Laws of Energetics. 12mo, 1 00
Warren's Elements of Machine Construction and Drawing....8vo, 7 50
Weisbach's Kinematics and Power of Transmission. (Herrmann—Klein.)..8vo, 5 00
Machinery of Transmission and Governors. (Herrmann—Klein.)..8vo, 5 00
Wood's Elements of Analytical Mechanics....8vo, 3 00
Principles of Elementary Mechanics....12mo, 1 25
Turbines....8vo, 2 50
The World's Columbian Exposition of 1893....4to, 1 00

METALLURGY.

Egleston's Metallurgy of Silver, Gold, and Mercury:
- Vol. I. Silver. 8vo, 7 50
- Vol. II. Gold and Mercury. 8vo, 7 50

** Iles's Lead-smelting. (Postage 9 cents additional.) 12mo, 2 50
Keep's Cast Iron. 8vo, 2 50
Kunhardt's Practice of Ore Dressing in Europe. 8vo, 1 50
Le Chatelier's High-temperature Measurements. (Boudouard—Burgess.) 12mo, 3 00
Metcalf's Steel. A Manual for Steel-users 12mo, 2 00
Smith's Materials of Machines. 12mo, 1 00
Thurston's Materials of Engineering. In Three Parts. 8vo, 8 00
- Part II. Iron and Steel. 8vo, 3 50
- Part III. A Treatise on Brasses, Bronzes, and Other Alloys and their Constituents. 8vo, 2 50

Ulke's Modern Electrolytic Copper Refining. 8vo, 3 00

MINERALOGY.

Barringer's Description of Minerals of Commercial Value. Oblong, morocco, 2 50
Boyd's Resources of Southwest Virginia. 8vo, 3 00
- Map of Southwest Virignia. ..... Pocket-book form. 2 00

Brush's Manual of Determinative Mineralogy. (Penfield.) 8vo, 4 00
Chester's Catalogue of Minerals. ..... 8vo, paper, 1 00
Cloth, 1 25
- Dictionary of the Names of Minerals. 8vo, 3 50

Dana's System of Mineralogy. ..... Large 8vo, half leather, 12 50
- First Appendix to Dana's New "System of Mineralogy." ..... Large 8vo, 1 00
- Text-book of Mineralogy. 8vo, 4 00
- Minerals and How to Study Them 12mo, 1 50
- Catalogue of American Localities of Minerals. ..... Large 8vo, 1 00
- Manual of Mineralogy and Petrography. 12mo, 2 00

Douglas's Untechnical Addresses on Technical Subjects. 12mo, 1 00
Eakle's Mineral Tables. 8vo, 1 25
Egleston's Catalogue of Minerals and Synonyms. 8vo, 2 50
Hussak's The Determination of Rock-forming Minerals. (Smith.). Small 8vo, 2 00
Merrill's Non-metallic Minerals: Their Occurrence and Uses. 8vo, 4 00
* Penfield's Notes on Determinative Mineralogy and Record of Mineral Tests. 8vo, paper, 0 50
Rosenbusch's Microscopical Physiography of the Rock-making Minerals. (Iddings.) 8vo, 5 00
* Tillman's Text-book of Important Minerals and Rocks. 8vo, 2 00
Williams's Manual of Lithology. 8vo, 3 00

MINING.

Beard's Ventilation of Mines. 12mo, 2 50
Boyd's Resources of Southwest Virginia. 8vo, 3 00
- Map of Southwest Virginia. ..... Pocket book form, 2 00

Douglas's Untechnical Addresses on Technical Subjects 12mo, 1 00
* Drinker's Tunneling, Explosive Compounds, and Rock Drills. 4to, hf. mor. 25 00
Eissler's Modern High Explosives. 8vo, 4 00
Fowler's Sewage Works Analyses. 12mo, 2 00
Goodyear's Coal-mines of the Western Coast of the United States. 12mo, 2 50
Ihlseng's Manual of Mining. 8vo, 5 00
** Iles's Lead-smelting. (Postage 9c. additional.) 12mo, 2 50
Kunhardt's Practice of Ore Dressing in Europe. 8vo, 1 50
O'Driscoll's Notes on the Treatment of Gold Ores. 8vo, 2 00
* Walke's Lectures on Explosives. 8vo, 4 00
Wilson's Cyanide Processes. 12mo, 1 50
- Chlorination Process. 12mo, 1 50

Wilson's Hydraulic and Placer Mining.....12mo, 2 00
Treatise on Practical and Theoretical Mine Ventilation.....12mo, 1 25

SANITARY SCIENCE.

Bashore's Sanitation of a Country House.....12mo, 1 00
Folwell's Sewerage. (Designing, Construction, and Maintenance.).....8vo, 3 00
Water-supply Engineering.....8vo, 4 00
Fuertes's Water and Public Health.....12mo, 1 50
Water-filtration Works.....12mo, 2 50
Gerhard's Guide to Sanitary House-inspection.....16mo, 1 00
Goodrich's Economic Disposal of Town's Refuse.....Demy 8vo, 3 50
Hazen's Filtration of Public Water-supplies.....8vo, 3 00
Leach's The Inspection and Analysis of Food with Special Reference to State Control.....8vo, 7 50
Mason's Water-supply. (Considered principally from a Sanitary Standpoint) 8vo, 4 00
Examination of Water. (Chemical and Bacteriological.).....12mo, 1 25
Merriman's Elements of Sanitary Engineering.....8vo, 2 00
Ogden's Sewer Design.....12mo, 2 00
Prescott and Winslow's Elements of Water Bacteriology, with Special Reference to Sanitary Water Analysis.....12mo, 1 25
* Price's Handbook on Sanitation.....12mo, 1 50
Richards's Cost of Food. A Study in Dietaries.....12mo, 1 00
Cost of Living as Modified by Sanitary Science.....12mo, 1 00
Richards and Woodman's Air, Water, and Food from a Sanitary Standpoint.....8vo, 2 00
* Richards and Williams's The Dietary Computer.....8vo, 1 50
Rideal's Sewage and Bacterial Purification of Sewage.....8vo, 3 50
Turneaure and Russell's Public Water-supplies.....8vo, 5 00
Von Behring's Suppression of Tuberculosis. (Bolduan.).....12mo, 1 00
Whipple's Microscopy of Drinking-water.....8vo, 3 50
Woodhull's Notes on Military Hygiene.....16mo, 1 50

MISCELLANEOUS.

De Fursac's Manual of Psychiatry. (Rosanoff and Collins.)....Large 12mo, 2 50
Emmons's Geological Guide-book of the Rocky Mountain Excursion of the International Congress of Geologists.....Large 8vo, 1 50
Ferrel's Popular Treatise on the Winds.....8vo. 4 00
Haines's American Railway Management.....12mo, 2 50
Mott's Composition, Digestibility, and Nutritive Value of Food. Mounted chart, 1 25
Fallacy of the Present Theory of Sound.....16mo, 1 00
Ricketts's History of Rensselaer Polytechnic Institute, 1824–1894..Small 8vo, 3 00
Rostoski's Serum Diagnosis. (Bolduan.).....12mo, 1 00
Rotherham's Emphasized New Testament.....Large 8vo, 2 00
Steel's Treatise on the Diseases of the Dog.....8vo, 3 50
Totten's Important Question in Metrology.....8vo, 2 50
The World's Columbian Exposition of 1893.....4to, 1 00
Von Behring's Suppression of Tuberculosis. (Bolduan.).....12mo, 1 00
Winslow's Elements of Applied Microscopy.....12mo, 1 50
Worcester and Atkinson. Small Hospitals, Establishment and Maintenance; Suggestions for Hospital Architecture: Plans for Small Hospital. 12mo, 1 25

HEBREW AND CHALDEE TEXT-BOOKS.

Green's Elementary Hebrew Grammar.....12mo, 1 25
Hebrew Chrestomathy.....8vo, 2 00.
Gesenius's Hebrew and Chaldee Lexicon to the Old Testament Scriptures. (Tregelles.).....Small 4to, half morocco, 5 00
Letteris's Hebrew Bible.....8vo, 2 25

* Reisig's Guide to Piece-dyeing. 8vo, 25 00
Richards and Woodman's Air, Water, and Food from a Sanitary Standpoint 8vo, 2 00
Richards's Cost of Living as Modified by Sanitary Science 12mo, 1 00
Cost of Food, a Study in Dietaries 12mo, 1 00
* Richards and Williams's The Dietary Computer 8vo, 1 50
Ricketts and Russell's Skeleton Notes upon Inorganic Chemistry. (Part I. Non-metallic Elements.) ..... 8vo, morocco, 75
Ricketts and Miller's Notes on Assaying 8vo, 3 00
Rideal's Sewage and the Bacterial Purification of Sewage 8vo, 3 50
Disinfection and the Preservation of Food 8vo, 4 00
Rigg's Elementary Manual for the Chemical Laboratory 8vo, 1 25
Rostoski's Serum Diagnosis. (Bolduan.) 12mo, 1 00
Ruddiman's Incompatibilities in Prescriptions 8vo, 2 00
Sabin's Industrial and Artistic Technology of Paints and Varnish 8vo, 3 00
Salkowski's Physiological and Pathological Chemistry. (Orndorff.) 8vo, 2 50
Schimpf's Text-book of Volumetric Analysis 12mo, 2 50
Essentials of Volumetric Analysis 12mo, 1 25
Spencer's Handbook for Chemists of Beet-sugar Houses ..... 16mo, morocco, 3 00
Handbook for Sugar Manufacturers and their Chemists ..... 16mo, morocco, 2 00
Stockbridge's Rocks and Soils 8vo, 2 50
* Tillman's Elementary Lessons in Heat 8vo, 1 50
* Descriptive General Chemistry 8vo, 3 00
Treadwell's Qualitative Analysis. (Hall.) 8vo, 3 00
Quantitative Analysis. (Hall.) 8vo, 4 00
Turneaure and Russell's Public Water-supplies 8vo, 5 00
Van Deventer's Physical Chemistry for Beginners. (Boltwood.) 12mo, 1 50
* Walke's Lectures on Explosives 8vo, 4 00
Washington's Manual of the Chemical Analysis of Rocks 8vo, 2 00
Wassermann's Immune Sera: Hæmolysins, Cytotoxins, and Precipitins. (Bolduan.) 12mo, 1 00
Well's Laboratory Guide in Qualitative Chemical Analysis 8vo, 1 50
Short Course in Inorganic Qualitative Chemical Analysis for Engineering Students 12mo, 1 50
Text-book of Chemical Arithmetic 12mo, 1 25
Whipple's Microscopy of Drinking-water 8vo, 3 50
Wilson's Cyanide Processes 12mo, 1 50
Chlorination Process 12mo, 1 50
Wulling's Elementary Course in Inorganic, Pharmaceutical, and Medical Chemistry 12mo, 2 00

CIVIL ENGINEERING.

BRIDGES AND ROOFS. HYDRAULICS. MATERIALS OF ENGINEERING. RAILWAY ENGINEERING.

Baker's Engineers' Surveying Instruments 12mo, 3 00
Bixby's Graphical Computing Table ..... Paper 19½ × 24¼ inches. 25
** Burr's Ancient and Modern Engineering and the Isthmian Canal. (Postage, 27 cents additional.) 8vo, 3 50
Comstock's Field Astronomy for Engineers 8vo, 2 50
Davis's Elevation and Stadia Tables 8vo, 1 00
Elliott's Engineering for Land Drainage 12mo, 1 50
Practical Farm Drainage 12mo, 1 00
*Fiebeger's Treatise on Civil Engineering 8vo, 5 00
Folwell's Sewerage. (Designing and Maintenance.) 8vo, 3 00
Freitag's Architectural Engineering. 2d Edition, Rewritten 8vo, 3 50
French and Ives's Stereotomy 8vo, 2 50
Goodhue's Municipal Improvements 12mo, 1 75
Goodrich's Economic Disposal of Towns' Refuse 8vo, 3 50
Gore's Elements of Geodesy 8vo, 2 50
Hayford's Text-book of Geodetic Astronomy 8vo, 3 00
Hering's Ready Reference Tables (Conversion Factors) ..... 16mo, morocco, 2 50

Howe's Retaining Walls for Earth. 12mo, 1 25
Johnson's (J. B.) Theory and Practice of Surveying. ..... Small 8vo, 4 00
Johnson's (L. J.) Statics by Algebraic and Graphic Methods. 8vo, 2 00
Laplace's Philosophical Essay on Probabilities. (Truscott and Emory.). 12mo, 2 00
Mahan's Treatise on Civil Engineering. (1873.) (Wood.). 8vo, 5 00
* Descriptive Geometry. 8vo, 1 50
Merriman's Elements of Precise Surveying and Geodesy. 8vo, 2 50
Elements of Sanitary Engineering. 8vo, 2 00
Merriman and Brooks's Handbook for Surveyors. ..... 16mo, morocco, 2 00
Nugent's Plane Surveying. 8vo, 3 50
Ogden's Sewer Design. 12mo, 2 00
Patton's Treatise on Civil Engineering. ..... 8vo half leather, 7 50
Reed's Topographical Drawing and Sketching 4to, 5 00
Rideal's Sewage and the Bacterial Purification of Sewage. 8vo, 3 50
Siebert and Biggin's Modern Stone-cutting and Masonry. 8vo, 1 50
Smith's Manual of Topographical Drawing. (McMillan.). 8vo, 2 50
Sondericker's Graphic Statics, with Applications to Trusses, Beams, and Arches. 8vo, 2 00
Taylor and Thompson's Treatise on Concrete, Plain and Reinforced. 8vo, 5 00
* Trautwine's Civil Engineer's Pocket-book. ..... 16mo, morocco, 5 00
Wait's Engineering and Architectural Jurisprudence. 8vo, 6 00
Sheep, 6 50
Law of Operations Preliminary to Construction in Engineering and Architecture. 8vo, 5 00
Sheep, 5 50
Law of Contracts. 8vo, 3 00
Warren's Stereotomy—Problems in Stone-cutting. 8vo, 2 50
Webb's Problems in the Use and Adjustment of Engineering Instruments. 16mo, morocco, 1 25
* Wheeler's Elementary Course of Civil Engineering. 8vo, 4 00
Wilson's Topographic Surveying. 8vo, 3 50

BRIDGES AND ROOFS.

Boller's Practical Treatise on the Construction of Iron Highway Bridges. 8vo, 2 00
* Thames River Bridge. ..... 4to, paper, 5 00
Burr's Course on the Stresses in Bridges and Roof Trusses, Arched Ribs, and Suspension Bridges. 8vo, 3 50
Burr and Falk's Influence Lines for Bridge and Roof Computations. 8vo, 3 00
Du Bois's Mechanics of Engineering. Vol. II. ..... Small 4to, 10 00
Foster's Treatise on Wooden Trestle Bridges. 4to, 5 00
Fowler's Ordinary Foundations. 8vo, 3 50
Greene's Roof Trusses. 8vo, 1 25
Bridge Trusses. 8vo, 2 50
Arches in Wood, Iron, and Stone. 8vo, 2 50
Howe's Treatise on Arches. 8vo, 4 00
Design of Simple Roof-trusses in Wood and Steel. 8vo, 2 00
Johnson, Bryan, and Turneaure's Theory and Practice in the Designing of Modern Framed Structures. ..... Small 4to, 10 00
Merriman and Jacoby's Text-book on Roofs and Bridges:
Part I. Stresses in Simple Trusses. 8vo, 2 50
Part II. Graphic Statics. 8vo, 2 50
Part III. Bridge Design. 8vo, 2 50
Part IV. Higher Structures. 8vo, 2 50
Morison's Memphis Bridge. 4to, 10 00
Waddell's De Pontibus, a Pocket-book for Bridge Engineers. 16mo, morocco, 3 00
Specifications for Steel Bridges. 12mo. 1 25
Wood's Treatise on the Theory of the Construction of Bridges and Roofs. 8vo, 2 00
Wright's Designing of Draw-spans:
Part I. Plate-girder Draws. 8vo, 2 50
Part II. Riveted-truss and Pin-connected Long-span Draws. 8vo, 2 50
Two parts in one volume. 8vo, 3 50